

23       amplitude mains electricity power signal;  
24       a second inductor connected between said signal input/output  
25       line and ground, said second inductor providing a current path  
26       for blowing said fuse when said coupling capacitor suffers a  
27       fault condition; and a series combination of a first fuse and a  
28       first shunt capacitor connected between ground and said mains  
29       electricity output;  
30       wherein said first inductor includes a conductor wrapped  
31       around at least one ferrite core; and  
32       further including a second shunt capacitor and a second fuse  
33       connected between ground and an intermediate point of said  
34       conductor;  
35       wherein the main inductor has an impedance for substantially  
36       preventing communications signals of at least one megahertz from  
37       passing from the mains electricity input from said network to  
38       said mains electricity output to said consumer's premises.

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Cancel*

REMARKS

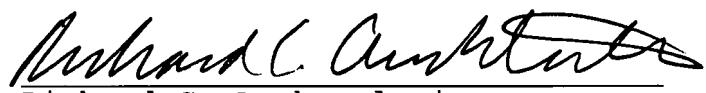
This Preliminary Amendment is in response to the Advisory Action dated July 21, 1998 in the parent application Serial No. 08/803,914.

Claims 20, 23, and 23 are written in independent form, in view of the indication that these claims are merely "objected to" in paragraph 3 of the Advisory Action Summary.

Regarding the Examiner's disagreement with applicant's remarks that: "Neither Whyte nor Shuey use a main inducutor to allow a low frequency poser signal to pass through the inductor in a low impedance path from the network to the electricity output," please note that the applicants claims specify a first or inductor arranged between a mains electricity input from said network and a mains electricity output to said consumer's premises to allow the low frequency high amplitude mains electricity power signal to pass through the main inductor or first inductor "in a low impedance path from the mains electricity input from said network to said mains electricity output to said consumer's premises for frequencies from zero frequency to a low frequency of said low frequency high amplitude mains electricity power signal." Applicant maintains that the "zero frequency" recitation does distinguish a power transformer as in Whyte and Shuey from a series inductor as described in applicant's specification.

Signed at Houston, Harris County, Texas this 31 day of  
August, 1998.

Respectfully submitted,

  
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DATE OF DEPOSIT: 31 August 1998

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Signature